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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

OFFICIAL

In re patent application of  
Kummamuru et al.

Serial No.: 09/815,616

Filed: March 23, 2001

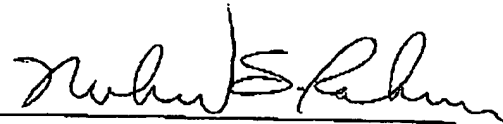
Group Art Unit: 2175

Atty. Dkt.: JP920000447US1

Examiner: Rimmell, Samuel G.

## Certificate of Transmission by Facsimile

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Mohammad S. Rahman

For: CLUSTERING DATA INCLUDING THOSE WITH ASYMMETRIC RELATIONSHIPS

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AMENDMENT UNDER 37 C.F.R. §1.111

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Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

This amendment is in response to the Office Action mailed November 6, 2003.

Therefore, this amendment is timely filed. Please amend the above-identified patent application  
as follows:

JP920000447US1

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